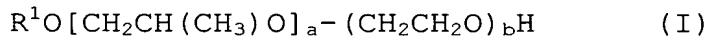


Claims

1. An aqueous water- and oil-repellent dispersion comprising:

5 (A) a homopolymer or copolymer comprising at least one polymerizable compound having a perfluoroalkyl or perfluoroalkenyl group and an acrylate or methacrylate group, or
a copolymer comprising said polymerizable compound and another compound copolymerizable therewith, and
10 (B) a surfactant which comprises a cationic surfactant and a nonionic surfactant of the formula (I):



wherein R^1 is a branched alkyl or alkenyl group wherein a main chain has at least 5 carbon atoms and a side chain has at least 3 carbon atoms,

a is an integer of at least 3, and

b is an integer of 10 to 30.

20 2. The dispersion according to claim 1, wherein, in R^1 of the formula (I), the side chain is an alkyl group and the number of the side chains is at least 3.

25 3. The dispersion according to claim 1, wherein R^1 in the formula (I) has at least 10 carbon atoms.

4. The dispersion according to claim 1, wherein, in R^1 of

the formula (I), the side chain is an alkyl group having 1 to 3 carbon atoms.

5. The dispersion according to claim 1, wherein, in R¹ of
the formula (I), the side chain is a methyl group.

6. The dispersion according to claim 1, wherein R¹ in the
formula (I) is a C₁₃ isotridecyl group having 4 side-chain
methyl groups, that is,

10 CH₃CH(CH₃)CH₂CH(CH₃)CH₂CH(CH₃)CH₂CH(CH₃)CH₂-.

7. The dispersion according to claim 1, wherein R¹ in the
formula (I) is a C₁₃ isotridecyl group having 6 side-chain
methyl groups, that is, CH₃C(CH₃)₂CH₂C(CH₃)₂CH₂C(CH₃)₂CH₂-, or
15 CH₂(CH₃)CH(CH₃)CH(CH₃)CH(CH₃)CH(CH₃)CH₂-.

8. The dispersion according to claim 1, wherein R¹ in the
formula (I) is a C₁₃ isotridecyl group having 3 side-chain
ethyl groups, that is, CH₃CH(C₂H₅)CH₂CH(C₂H₅)CH₂CH(C₂H₅)CH₂-.

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9. A method of processing a textile, comprising using the
dispersion according to claim 1.

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10. A textile, to which the dispersion according to claim 1
is applied.